

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Karlstedt et al. Examiner: UNKNOWN
Serial No.: TO BE ASSIGNED Group Art Unit: TO BE ASSIGNED
Filed: June 27, 2001 Docket No.: 975.340USW1
Title: A METHOD FOR GENERATION AND TRANSMISSION OF MESSAGES
IN A MOBILE TELECOMMUNICATION NETWORK

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The undersigned hereby certifies that this Transmittal Letter and the paper or fee, as described herein, are being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

By: Lee Thao

PRELIMINARY AMENDMENT

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please enter the following preliminary amendment into the above-referenced application.

ABSTRACT

Please insert the attached abstract into the application as the last page thereof.

CLAIMS

Please delete claims 1-20 as follows. Please enter new claims 21-34 as follows. A clean copy of the entire set of claims is included below.

21. (NEW) A method for generation and transmission of messages in a mobile telecommunication network,

comprising the steps of

monitoring the location of a mobile subscriber terminal within the mobile telecommunications network using location information generated by, and available for said network, said monitoring being effected by repeatedly retrieving data corresponding to the location of said mobile subscriber terminal from a location register of the network,

comparing the monitored location with a predetermined location within said network;

judging, whether the monitored location corresponds to said predetermined location, and

if the result of judging is positive, sending a predetermined voice or data message from said network to another terminal.

22. (NEW) A method according to claim 21, wherein said data message is a SMS message.

23. (NEW) A method according to claim 21, wherein said data message contains data for remotely controlling equipment assigned to said another terminal (PSTN).

24. (NEW) A method according to claim 21, wherein said data message contains instructions for transmission of data monitored at equipment assigned to said another terminal, to said mobile subscriber terminal (MS).

25. (NEW) A method according to claim 21, wherein said location register is a home location register and in said home location register a record of the location of each subscriber terminal present within the range of an associated mobile services switching center is kept.

26. (NEW) A method according to claim 21, wherein said predetermined message is transmitted only within a predetermined time range.

27. (NEW) A method according to claim 21, wherein said another terminal is a predetermined subscriber terminal.

28. (NEW) A method according to claim 27, further comprising a step of defining said predetermined terminal as a terminal which has issued a request for a value added service.

29. (NEW) A method according to claim 28, wherein said request contains at least an identification of said predetermined terminal and a location information for said predetermined terminal.

30. (NEW) A method according to claim 29, further comprising a step of defining said predetermined location based on said location information for said predetermined terminal.

31. (NEW) A method according to claim 21, wherein said location information available for said network is cell information.

32. (NEW) A method according to claim 21, wherein said location information available for said network is location area information.

33. (NEW) A telecommunication system adapted to carry out the method according to claim 21.

34. (NEW) A telecommunication network element adapted to carry out the method according to claim 21.

REMARKS

The above preliminary amendment is made to insert an abstract page into the application and to enter new claims 21-34.

Applicant respectfully requests that this preliminary amendment be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application.

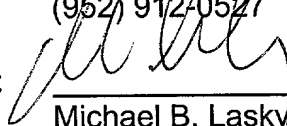
If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicant's attorney of record, Michael B. Lasky at 952-912-0527.

Respectfully submitted,

Altera Law Group, LLC
6500 City West Parkway, Suite 100
Minneapolis, MN 55344-7701
(952) 912-0527

Date: June 27, 2001

By:



Michael B. Lasky
Reg. No. 29,555
MBL/jsa

ABSTRACT
For
A METHOD FOR GENERATION AND TRANSMISSION OF
MESSAGES IN A MOBILE TELECOMMUNICATION NETWORK

The present invention proposes a method for generation and transmission of messages in a mobile telecommunication network, comprising the steps of monitoring the location of a mobile subscriber terminal within the mobile telecommunications network using location information available for said network; comparing the monitored location with a predetermined location within said network; judging whether the monitored location corresponds to said predetermined location, and if the result of judging is positive, sending a predetermined message from said network. Also, the present invention proposes an accordingly adapted telecommunication system as well as an accordingly adapted telecommunication network element.

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